

## APPENDIX B

### SIZING OF DISTRIBUTION TYPE TRANSFORMERS FOR FAMILY HOUSING UNITS

**B-1. Application.** Design factors apply only to aerial or pad-mounted compartmental distribution transformers supplying family housing units.

**B-2. Distribution Transformers.** Distribution transformers serving family housing areas will have the air conditioning or electric heating loads, whichever is larger, sized for 100 percent demand. The rest of the load will be sized in accordance with the demand factors of table B-1.

*Table B-1. Demand Factors.*

<i>Number of units</i>	<i>Demand factor percent</i>	<i>Number of units</i>	<i>Demand factor percent</i>	<i>Number of units</i>	<i>Demand factor percent</i>
1 .....	80.0	19 .....	18.0	37 .....	13.2
2 .....	60.0	20 .....	17.5	38 .....	13.0
3 .....	50.0	21 .....	17.1	39 .....	12.8
4 .....	45.0	22 .....	16.6	40 .....	12.6
5 .....	40.0	23 .....	16.1	41 .....	12.4
6 .....	35.0	24 .....	15.8	42 .....	12.2
7 .....	32.0	25 .....	15.6	43 .....	12.0
8 .....	29.0	26 .....	15.4	44 .....	11.8
9 .....	27.0	27 .....	15.2	45 .....	11.6
10 .....	25.0	28 .....	15.0	46 .....	11.4
11 .....	24.0	29 .....	14.8	47 .....	11.2
12 .....	23.0	30 .....	14.6	48 .....	11.0
13 .....	22.0	31 .....	14.4	49 .....	10.8
14 .....	21.0	32 .....	14.2	50 .....	10.6
15 .....	20.0	33 .....	14.0	51 .....	10.4
16 .....	19.4	34 .....	13.8	52 .....	10.2
17 .....	18.7	35 .....	13.6	53 .....	10.1
18 .....	18.3	36 .....	13.4	54 <sup>a</sup> .....	10.0"

<sup>a</sup> Same demand factor applies to all quarters over 54.